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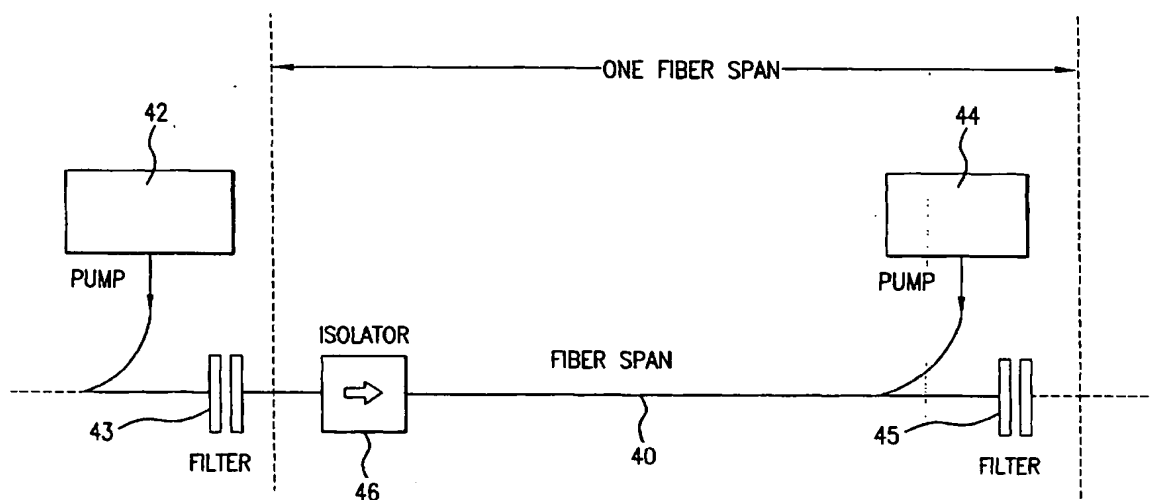
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(54) Title: WIDE BANDWIDTH FIBER RAMAN AMPLIFIER



(57) Abstract: A method of Raman amplification comprising the step of effecting a plurality of pump wavelengths on a Raman-active transmission medium transmitting counter-propagating signal wavelengths, wherein at least one of said pump wavelengths are interleaved between said signal wavelengths.

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## INTERNATIONAL SEARCH REPORT

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## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H01S3/30 H04B10/17

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

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Information on patent family members

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